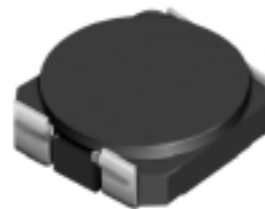
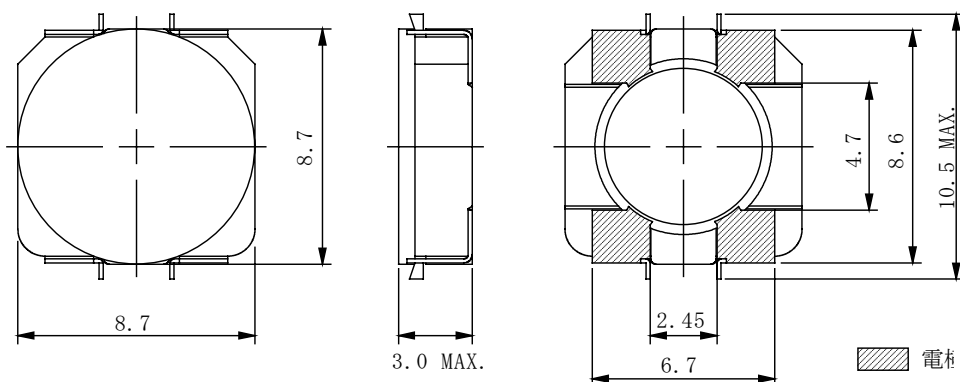
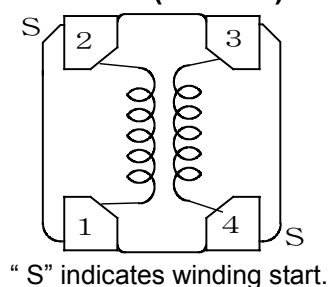
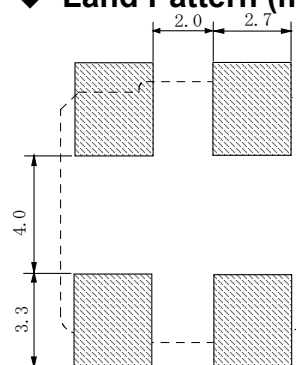


**Type: CLS8D28**
**◆ Product Description**

- 8.7×8.7mm Max.(L×W), 3.0mm Max. Height.
- Custom design is available.


**◆ Feature**

- Magnetically shielded construction.
- Max. Operating frequency 1MHz, Max. Operating power 3.0W.
- 2 in 1 Coils for high efficient up-down DC-DC converters (SEPIC,Zeta circuits to be used).
- Ideally used in the power supply for DSC、Note PC、DVC and W-LED backlighting.
- RoHS Compliance

**◆ Dimensions (mm)**

**◆ Schematics (Bottom)**

**◆ Land Pattern (mm)**

**◆ Specification**

Sample No.	Inductance (1-2)/(3-4) (100kHz/1.0V)	D.C.R. (1-2)	D.C.R. (3-4)	Rated current (1-4) Tie (2-3)
10314-T001	10 $\mu$ H $\pm$ 30%	104m $\Omega$ Max.	130m $\Omega$ Max.	0.95 A

※ Rated current: The D.C. current at which the inductance decreases to 90% of it's initial value or when  $\Delta t=40^{\circ}\text{C}$ , whichever is lower( $T_a=20^{\circ}\text{C}$ ).